



Credits: Havila Kystruten/Havila Voyages ©Marius Beck Dahle/Werksted

Saint-Gobain Marine, partner of the first zero emission cruise through the world heritage fjord

Havila Castor is the second in a series of four coastal ships that will be operated by Norwegian Havila Kystruten. The ship has been designed to reduce fuel consumption, CO₂ emissions, but also noise and vibrations. Saint-Gobain Marine has equipped the vessel with technical insulation from Glava, in order to help in reducing the weight of the vessel.

Per Norwegian Parliament regulations, vessels running along the Fjords must be emission-free by 2026. Havila combines a battery power with LNG that allows it to cruise up to four hours by itself in order to comply with these regulations. Moreover, the highly efficient hull design lowers fuel consumption therefore further reducing emissions. The design of the coastal ship has been engineered to meet operational and environmental requirements. The CO₂ emissions are reduced by 30% and the NO_x by 90% compared to standard ships.

Reducing weight thanks to light and sustainable Saint-Gobain Marine solutions

Saint-Gobain Technical Insulation through its subsidiary Glava and in partnership with Izocam has delivered all the insulation. More than 18,000 sq. of Ultimate rolls (U SeaProtect) from ISOVER and almost 28,000 sq. of Glava Marine Roll have been installed. Saint-Gobain Marine solutions has been chosen for their **lightweight solutions** that cover **fire safety, thermal and acoustic comfort**.

- The vessel can carry 640 passengers and 70 crew members
- Size: 124 m length, 22 m width and weighs 15 812 tons
- Propulsed by ongoing technology of liquid gas with a battery
- its route speed is 16 knots

The Havila Castor set sail for the first time last June.

Shipowner: Havila Kystruten - **Design:** HAV Ship Design - **Shipyard:** Tersan Tersanecilik

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